

```

=> s presenilin#
L1      5214 PRESENILIN#

=> s l1 and PS1
L2      1648 L1 AND PS1

=> s l2 and 1990-1997/py
L3      139 L2 AND 1990-1997/PY

=> duplicate remove
ENTER L# LIST OR (END):l3
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, PCTFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
L4      95 DUPLICATE REMOVE L3 (44 DUPLICATES REMOVED)

=> s l4 (20a) (mutant# or mutation#)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L17 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L19 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L21 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L23 (20A) '
L5      79 L4 (20A) (MUTANT# OR MUTATION#)

=> d 1-79

L5      ANSWER 1 OF 79      MEDLINE on STN
AN      1998348622      MEDLINE
DN      PubMed ID: 9683997
TI      Amyotrophic lateral sclerosis and Alzheimer disease. Lessons from model
        systems.
AU      Price D L; Wong P C; Borchelt D R; Pardo C A; Thinakaran G; Doan A P; Lee
        M K; Martin L J; Sisodia S S
CS      Department of Pathology, Johns Hopkins, University School of Medicine,
        Baltimore, Maryland 21205-2196, USA.
NC      AG 05146 (NIA)
        NS 10580 (NINDS)
        NS 20471 (NINDS)
        +
SO      Revue neurologique, (1997 Sep) 153 (8-9) 484-95. Ref: 145
        Journal code: 2984779R. ISSN: 0035-3787.
CY      France
DT      Journal; Article; (JOURNAL ARTICLE)
        General Review; (REVIEW)
        (REVIEW, ACADEMIC)
LA      English
FS      Priority Journals
EM      199808
ED      Entered STN: 19980820
        Last Updated on STN: 19980820
        Entered Medline: 19980810

L5      ANSWER 2 OF 79      MEDLINE on STN
AN      1998238516      MEDLINE
DN      PubMed ID: 9652956
TI      Biochemistry of presenilin 1.
AU      Takashima A
CS      Mitsubishi Kasei Institutes of Life Science.
SO      Rinsho shinkeigaku. Clinical neurology, (1997 Dec) 37 (12)
        1097-8.

```

Journal code: 0417466. ISSN: 0009-918X.

CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA Japanese  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980713  
Last Updated on STN: 19980713  
Entered Medline: 19980701

L5 ANSWER 3 OF 79 MEDLINE on STN  
AN 1998238515 MEDLINE  
DN PubMed ID: 9577654  
TI Molecular genetics of Alzheimer's disease--**presenilin** and other genes.  
AU Tabira T  
CS National Institute of Neuroscience, NCNP, Tokyo.  
SO Rinsho shinkeigaku. Clinical neurology, (1997 Dec) 37 (12) 1095-6.  
Journal code: 0417466. ISSN: 0009-918X.

CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA Japanese  
FS Priority Journals  
EM 199807  
ED Entered STN: 19980713  
Last Updated on STN: 19980713  
Entered Medline: 19980701

L5 ANSWER 4 OF 79 MEDLINE on STN  
AN 1998120953 MEDLINE  
DN PubMed ID: 9461055  
TI Abnormalities in Alzheimer's disease fibroblasts bearing the APP670/671 **mutation**.  
AU Gibson G E; Vestling M; Zhang H; Szolosi S; Alkon D; Lannfelt L; Gandy S; Cowburn R F  
CS Cornell University Medical College at Burke Medical Research Institute, White Plains, NY 10605, USA.. ggibson@med.cornell.edu  
NC AG09464 (NIA)  
AG11921 (NIA)  
AG13780 (NIA)  
SO Neurobiology of aging, (1997 Nov-Dec) 18 (6) 573-80.  
Journal code: 8100437. ISSN: 0197-4580.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199803  
ED Entered STN: 19980312  
Last Updated on STN: 19980312  
Entered Medline: 19980305

L5 ANSWER 5 OF 79 MEDLINE on STN  
AN 1998103294 MEDLINE  
DN PubMed ID: 9440120  
TI Biology of A beta amyloid in Alzheimer's disease.  
CM Erratum in: Neurobiol Dis 1998 Jul;5(1):65  
AU Wisniewski T; Ghiso J; Frangione B  
CS Department of Neurology, New York University Medical Center, New York 10016, USA.. Thomas.Wisniewski@MCFPO.med.nyu.edu  
SO Neurobiology of disease, (1997) 4 (5) 313-28. Ref: 186  
Journal code: 9500169. ISSN: 0969-9961.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)  
(REVIEW, TUTORIAL)

LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 19980306  
Last Updated on STN: 20000303  
Entered Medline: 19980224

L5 ANSWER 6 OF 79 MEDLINE on STN  
AN 1998063306 MEDLINE  
DN PubMed ID: 9398634  
TI Determination of a cleavage site of **presenilin 2** protein in stably transfected SH-SY5Y human neuroblastoma cell lines.  
AU Shirotani K; Takahashi K; Ozawa K; Kunishita T; Tabira T  
CS Division of Demyelinating Disease and Aging, National Institute of Neuroscience, Tokyo, Japan.  
SO Biochemical and biophysical research communications, (1997 Nov 26) 240 (3) 728-31.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 19980129  
Last Updated on STN: 19980129  
Entered Medline: 19980113

L5 ANSWER 7 OF 79 MEDLINE on STN  
AN 1998041530 MEDLINE  
DN PubMed ID: 9375682  
TI Alpha-secretase-derived product of beta-amyloid precursor protein is decreased by **presenilin 1 mutations** linked to familial Alzheimer's disease.  
AU Ancolio K; Marambaud P; Dauch P; Checler F  
CS Institut de Pharmacologie Moleculaire et Cellulaire, UPR 411 du CNRS, Sophia Antipolis, Valbonne, France.  
SO Journal of neurochemistry, (1997 Dec) 69 (6) 2494-9.  
Journal code: 2985190R. ISSN: 0022-3042.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 20000303  
Entered Medline: 19971212

L5 ANSWER 8 OF 79 MEDLINE on STN  
AN 1998019774 MEDLINE  
DN PubMed ID: 9356926  
TI Lack of interactions between amyloid precursor protein and hydrophilic domains of **presenilin 1** and 2 using the yeast two hybrid system.  
AU Kim S S; Choi Y M; Suh Y H  
CS Department of Pharmacology, College of Medicine, Seoul National University, Korea.  
SO Journal of molecular neuroscience : MN, (1997 Aug) 9 (1) 49-54.  
Journal code: 9002991. ISSN: 0895-8696.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199801

ED Entered STN: 19980206  
Last Updated on STN: 19980206  
Entered Medline: 19980127

L5 ANSWER 9 OF 79 MEDLINE on STN  
AN 1998019211 MEDLINE  
DN PubMed ID: 9353300  
TI Evidence that levels of **presenilins** (PS1 and PS2) are coordinately regulated by competition for limiting cellular factors.  
AU Thinakaran G; Harris C L; Ratovitski T; Davenport F; Slunt H H; Price D L; Borchelt D R; Sisodia S S  
CS Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205-2196, USA.. gopal@welchlink.welch.jhu.edu  
NC 1P01 AG14248 (NIA)  
SO Journal of biological chemistry, (1997 Nov 7) 272 (45) 28415-22.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199712  
ED Entered STN: 19980109  
Last Updated on STN: 19980109  
Entered Medline: 19971212

L5 ANSWER 10 OF 79 MEDLINE on STN  
AN 1998014430 MEDLINE  
DN PubMed ID: 9354339  
TI Accelerated amyloid deposition in the brains of transgenic mice coexpressing **mutant presenilin 1** and amyloid precursor proteins.  
AU Borchelt D R; Ratovitski T; van Lare J; Lee M K; Gonzales V; Jenkins N A; Copeland N G; Price D L; Sisodia S S  
CS Department of Pathology, Johns Hopkins School of Medicine, Baltimore, Maryland 21205, USA.  
NC AG05146 (NIA)  
AG14248 (NIA)  
NS 20471 (NINDS)  
SO Neuron, (1997 Oct) 19 (4) 939-45.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711  
ED Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971121

L5 ANSWER 11 OF 79 MEDLINE on STN  
AN 1998008864 MEDLINE  
DN PubMed ID: 9344855  
TI **Presenilin 1** binds to amyloid precursor protein directly.  
AU Waragai M; Imafuku I; Takeuchi S; Kanazawa I; Oyama F; Udagawa Y; Kawabata M; Okazawa H  
CS Department of Neurology, Faculty of Medicine, University of Tokyo, Japan.  
SO Biochemical and biophysical research communications, (1997 Oct 20) 239 (2) 480-2.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199711

ED Entered STN: 19971224  
 Last Updated on STN: 19971224  
 Entered Medline: 19971117

L5 ANSWER 12 OF 79 MEDLINE on STN  
 AN 97463700 MEDLINE  
 DN PubMed ID: 9340870  
 TI [Alzheimer's disease and genes].  
 Alzheimers sygdom og generne.  
 AU Jorgensen A L; Johannsen P  
 CS Aarhus Universitet, Institut for Human Genetik.. alj@humgen.aau.dk  
 SO Ugeskrift for laeger, (1997 Sep 15) 159 (38) 5648-52. Ref: 40  
 Journal code: 0141730. ISSN: 0041-5782.  
 CY Denmark  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA Danish  
 FS Priority Journals  
 EM 199710  
 ED Entered STN: 19971105  
 Last Updated on STN: 19980206  
 Entered Medline: 19971021

L5 ANSWER 13 OF 79 MEDLINE on STN  
 AN 97454759 MEDLINE  
 DN PubMed ID: 8980016  
 TI The gene defects responsible for familial Alzheimer's disease.  
 AU Tanzi R E; Kovacs D M; Kim T W; Moir R D; Guenette S Y; Wasco W  
 CS Department of Neurology, Massachusetts General Hospital, Harvard Medical  
 School, Charlestown 02129, USA.  
 SO Neurobiology of disease, (1996) 3 (3) 159-68. Ref: 80  
 Journal code: 9500169. ISSN: 0969-9961.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199710  
 ED Entered STN: 19971105  
 Last Updated on STN: 19980206  
 Entered Medline: 19971023

L5 ANSWER 14 OF 79 MEDLINE on STN  
 AN 97450985 MEDLINE  
 DN PubMed ID: 9305918  
 TI Endoproteolytic processing and stabilization of wild-type and  
**mutant presenilin.**  
 AU Ratovitski T; Slunt H H; Thinakaran G; Price D L; Sisodia S S; Borchelt D  
 R  
 CS Division of Neuropathology, Johns Hopkins School of Medicine, Baltimore,  
 Maryland 21205, USA.  
 NC AG05146 (NIA)  
 AG07914 (NIA)  
 NS10580 (NINDS)  
 +  
 SO Journal of biological chemistry, (1997 Sep 26) 272 (39)  
 24536-41.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals

EM 199710  
 ED Entered STN: 19971105  
 Last Updated on STN: 19971105  
 Entered Medline: 19971023

L5 ANSWER 15 OF 79 MEDLINE on STN  
 AN 97438396 MEDLINE  
 DN PubMed ID: 9292885  
 TI G protein subunit levels in fibroblasts from familial Alzheimer's disease patients: lower levels of high molecular weight Gs alpha isoform in patients with decreased beta-adrenergic receptor stimulated cAMP formation.  
 AU Shanahan C; Gibson G E; Cowburn R F; Johnston J A; Wiehager B; Lannfelt L; O'Neill C  
 CS Department of Biochemistry, University College, Lee Maltings, Cork, Ireland.  
 NC 11921  
 SO Neuroscience letters, (1997 Aug 22) 232 (1) 33-6.  
 Journal code: 7600130. ISSN: 0304-3940.  
 CY Ireland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199710  
 ED Entered STN: 19971105  
 Last Updated on STN: 20000303  
 Entered Medline: 19971023

L5 ANSWER 16 OF 79 MEDLINE on STN  
 AN 97403539 MEDLINE  
 DN PubMed ID: 9258895  
 TI Distinct processing of endogenous and overexpressed recombinant **presenilin 1**.  
 AU Baumann K; Paganetti P A; Sturchler-Pierrat C; Wong C; Hartmann H; Cescato R; Frey P; Yankner B A; Sommer B; Staufenbiel M  
 CS Nervous System Research, Novartis Pharma Inc., Basel, Switzerland.  
 SO Neurobiology of aging, (1997 Mar-Apr) 18 (2) 181-9.  
 Journal code: 8100437. ISSN: 0197-4580.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19971013  
 Last Updated on STN: 19980206  
 Entered Medline: 19970926

L5 ANSWER 17 OF 79 MEDLINE on STN  
 AN 97400548 MEDLINE  
 DN PubMed ID: 9252383  
 TI **Presenilins** are processed by caspase-type proteases.  
 AU Loetscher H; Deuschle U; Brockhaus M; Reinhardt D; Nelboeck P; Mous J; Grunberg J; Haass C; Jacobsen H  
 CS Pharma Division, Preclinical Central Nervous System Research-GeneTechnology, F. Hoffmann-La Roche Ltd., Ch-4070 Basel, Switzerland.  
 SO Journal of biological chemistry, (1997 Aug 15) 272 (33) 20655-9.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199709  
 ED Entered STN: 19970916  
 Last Updated on STN: 20000303

Entered Medline: 19970904

L5 ANSWER 18 OF 79 MEDLINE on STN  
AN 97369208 MEDLINE  
DN PubMed ID: 9225696  
TI Early-onset Alzheimer's disease with a **presenilin-1**  
**mutation** at the site corresponding to the Volga German  
**presenilin-2 mutation**.  
AU Crook R; Ellis R; Shanks M; Thal L J; Perez-Tur J; Baker M; Hutton M;  
Haltia T; Hardy J; Galasko D  
CS Department of Psychiatry, University of South Florida, Tampa, USA.  
NC AG05131 (NIA)  
SO Annals of neurology, (1997 Jul) 42 (1) 124-8.  
Journal code: 7707449. ISSN: 0364-5134.  
CY United States  
DT (CASE REPORTS)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970825  
Last Updated on STN: 19980206  
Entered Medline: 19970812

L5 ANSWER 19 OF 79 MEDLINE on STN  
AN 97368345 MEDLINE  
DN PubMed ID: 9223340  
TI Interaction between amyloid precursor protein and **presenilins** in  
mammalian cells: implications for the pathogenesis of Alzheimer disease.  
AU Xia W; Zhang J; Perez R; Koo E H; Selkoe D J  
CS Department of Neurology, Harvard Medical School, Center for Neurologic  
Diseases, Brigham and Women's Hospital, Boston, MA 02115, USA.  
NC AG05134 (NIA)  
AG12376 (NIA)  
AG12749 (NIA)  
+  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1997 Jul 22) 94 (15) 8208-13.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970908  
Last Updated on STN: 19980206  
Entered Medline: 19970827

L5 ANSWER 20 OF 79 MEDLINE on STN  
AN 97366296 MEDLINE  
DN PubMed ID: 9223106  
TI **Presenilin 1** interaction in the brain with a novel member of the  
Armadillo family.  
AU Zhou J; Liyanage U; Medina M; Ho C; Simmons A D; Lovett M; Kosik K S  
CS Department of Neurology, Brigham and Women's Hospital, Boston, MA, USA.  
SO Neuroreport, (1997 May 27) 8 (8) 2085-90.  
Journal code: 9100935. ISSN: 0959-4965.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U96136  
EM 199708  
ED Entered STN: 19970916

Last Updated on STN: 19990129  
Entered Medline: 19970829

L5 ANSWER 21 OF 79 MEDLINE on STN  
AN 97366243 MEDLINE  
DN PubMed ID: 9223053  
TI **Presenilins** and early-onset familial Alzheimer's disease.  
AU Rohan de Silva H A; Patel A J  
CS Department of Biochemistry, Charing Cross & Westminster Medical School,  
London, UK.  
SO Neuroreport, (1997 May 27) 8 (8) i-xii. Ref: 145  
Journal code: 9100935. ISSN: 0959-4965.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, ACADEMIC)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970916  
Last Updated on STN: 19980206  
Entered Medline: 19970829

L5 ANSWER 22 OF 79 MEDLINE on STN  
AN 97364828 MEDLINE  
DN PubMed ID: 9219695  
TI Alternative cleavage of Alzheimer-associated **presenilins** during  
apoptosis by a caspase-3 family protease.  
AU Kim T W; Pettingell W H; Jung Y K; Kovacs D M; Tanzi R E  
CS Genetics and Aging Unit, Department of Neurology, Massachusetts General  
Hospital, Harvard Medical School, Charlestown, MA 02129, USA.  
SO Science, (1997 Jul 18) 277 (5324) 373-6.  
Journal code: 0404511. ISSN: 0036-8075.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199803  
ED Entered STN: 19980407  
Last Updated on STN: 20000303  
Entered Medline: 19980323

L5 ANSWER 23 OF 79 MEDLINE on STN  
AN 97355621 MEDLINE  
DN PubMed ID: 9212102  
TI Hyperaccumulation of FAD-linked **presenilin** 1 variants in vivo.  
CM Comment in: Nat Med. 1997 Jul;3(7):723-5. PubMed ID: 9212094  
AU Lee M K; Borchelt D R; Kim G; Thinakaran G; Slunt H H; Ratovitski T;  
Martin L J; Kittur A; Gandy S; Levey A I; Jenkins N; Copeland N; Price D  
L; Sisodia S S  
CS Department of Pathology, Johns Hopkins School of Medicine, Baltimore,  
Maryland 21205, USA.  
NC 1 P01-AG 14248 (NIA)  
AG 05146 (NIA)  
NS 20471 (NINDS)  
+  
SO Nature medicine, (1997 Jul) 3 (7) 756-60.  
Journal code: 9502015. ISSN: 1078-8956.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813



Last Updated on STN: 19980206  
Entered Medline: 19970804

L5 ANSWER 24 OF 79 MEDLINE on STN  
AN 97333793 MEDLINE  
DN PubMed ID: 9189920  
TI Processing of **presenilin 1** in brains of patients with  
Alzheimer's disease and controls.  
AU Hendriks L; Thinakaran G; Harris C L; De Jonghe C; Martin J J; Sisodia S  
S; Van Broeckhoven C  
CS Department of Biochemistry, Flanders Interuniversity Institute for  
Biotechnology, Born-Bunge Foundation, University of Antwerp, Belgium.  
NC 1P01 AG 14248 (NIA)  
AG05146 (NIA)  
NS 20471 (NINDS)  
SO Neuroreport, (1997 May 6) 8 (7) 1717-21.  
Journal code: 9100935. ISSN: 0959-4965.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970812  
Last Updated on STN: 19980206  
Entered Medline: 19970731

L5 ANSWER 25 OF 79 MEDLINE on STN  
AN 97332881 MEDLINE  
DN PubMed ID: 9189043  
TI A novel **presenilin-1** mutation: increased beta-amyloid  
and neurofibrillary changes.  
AU Gomez-Isla T; Wasco W; Pettingell W P; Gurubhagavatula S; Schmidt S D;  
Jondro P D; McNamara M; Rodes L A; DiBlasi T; Growdon W B; Seubert P;  
Schenk D; Growdon J H; Hyman B T; Tanzi R E  
CS Genetics and Aging Unit, Massachusetts General Hospital, Harvard Medical  
School, Charlestown 01219, USA.  
NC AG05134 (NIA)  
AG08487 (NIA)  
NS30428 (NINDS)  
SO Annals of neurology, (1997 Jun) 41 (6) 809-13.  
Journal code: 7707449. ISSN: 0364-5134.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970721  
Last Updated on STN: 19980206  
Entered Medline: 19970710

L5 ANSWER 26 OF 79 MEDLINE on STN  
AN 97332873 MEDLINE  
DN PubMed ID: 9189035  
TI **Presenilin-1** protein expression in familial and sporadic  
Alzheimer's disease.  
AU Levey A I; Heilman C J; Lah J J; Nash N R; Rees H D; Wakai M; Mirra S S;  
Rye D B; Nochlin D; Bird T D; Mufson E J  
CS Department of Neurology, Emory University School of Medicine, Atlanta, GA  
30322, USA.  
NC AG 10130 (NIA)  
AG 10161 (NIA)  
AG 10668 (NIA)  
+  
SO Annals of neurology, (1997 Jun) 41 (6) 742-53.

Journal code: 7707449. ISSN: 0364-5134.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970721  
Last Updated on STN: 19980206  
Entered Medline: 19970710

L5 ANSWER 27 OF 79 MEDLINE on STN  
AN 97331022 MEDLINE  
DN PubMed ID: 9185547  
TI Neuronal localization of **presenilin-1** and association with  
amyloid plaques and neurofibrillary tangles in Alzheimer's disease.  
AU Busciglio J; Hartmann H; Lorenzo A; Wong C; Baumann K; Sommer B;  
Staufenbiel M; Yankner B A  
CS Department of Neurology, Harvard Medical School and Division of  
Neuroscience, The Children's Hospital, Boston, Massachusetts 02115, USA.  
NC NS30352 (NINDS)  
NS33325 (NINDS)  
P30-HD18655 (NICHD)  
SO Journal of neuroscience : official journal of the Society for  
Neuroscience, (1997 Jul 1) 17 (13) 5101-7.  
Journal code: 8102140. ISSN: 0270-6474.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970724  
Last Updated on STN: 19980206  
Entered Medline: 19970717

L5 ANSWER 28 OF 79 MEDLINE on STN  
AN 97317150 MEDLINE  
DN PubMed ID: 9173929  
TI **Presenilin** proteins undergo heterogeneous endoproteolysis  
between Thr291 and Ala299 and occur as stable N- and C-terminal fragments  
in normal and Alzheimer brain tissue.  
AU Podlisny M B; Citron M; Amarante P; Sherrington R; Xia W; Zhang J; Diehl  
T; Levesque G; Fraser P; Haass C; Koo E H; Seubert P; St George-Hyslop P;  
Teplow D B; Selkoe D J  
CS Center for Neurologic Diseases, Harvard Medical School, Boston,  
Massachusetts, 02115, USA.  
NC AG05134 (NIA)  
AG12749 (NIA)  
SO Neurobiology of disease, (1997) 3 (4) 325-37.  
Journal code: 9500169. ISSN: 0969-9961.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199707  
ED Entered STN: 19970724  
Last Updated on STN: 19980206  
Entered Medline: 19970717

L5 ANSWER 29 OF 79 MEDLINE on STN  
AN 97316232 MEDLINE  
DN PubMed ID: 9172160  
TI **Presenilin 1** interaction in the brain with a novel member of the  
Armadillo family.  
AU Zhou J; Liyanage U; Medina M; Ho C; Simmons A D; Lovett M; Kosik K S

CS Department of Neurology, Brigham and Women's Hospital, Boston, MA, USA.  
SO Neuroreport, (1997 Apr 14) 8 (6) 1489-94.  
Journal code: 9100935. ISSN: 0959-4965.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-X79293; GENBANK-X81889; GENBANK-Z17804  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 19970813  
Entered Medline: 19970807

L5 ANSWER 30 OF 79 MEDLINE on STN  
AN 97313412 MEDLINE  
DN PubMed ID: 9169406  
TI Developmental regulation of **presenilin-1** processing in the brain suggests a role in neuronal differentiation.  
AU Hartmann H; Busciglio J; Baumann K H; Staufenbiel M; Yankner B A  
CS Department of Neurology, Harvard Medical School and Division of Neuroscience, The Children's Hospital, Boston, MA 02115, USA.  
NC NS30352 (NINDS)  
NS33325 (NINDS)  
SO Journal of biological chemistry, (1997 Jun 6) 272 (23) 14505-8.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970709  
Last Updated on STN: 19970709  
Entered Medline: 19970626

L5 ANSWER 31 OF 79 MEDLINE on STN  
AN 97304391 MEDLINE  
DN PubMed ID: 9160754  
TI Skeletal and CNS defects in **Presenilin-1**-deficient mice.  
AU Shen J; Bronson R T; Chen D F; Xia W; Selkoe D J; Tonegawa S  
CS Center for Cancer Research, Department of Biology, Massachusetts Institute of Technology, Cambridge 02139, USA.  
NC AG06173 (NIA)  
NS32925 (NINDS)  
SO Cell, (1997 May 16) 89 (4) 629-39.  
Journal code: 0413066. ISSN: 0092-8674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970620  
Last Updated on STN: 19980206  
Entered Medline: 19970612

L5 ANSWER 32 OF 79 MEDLINE on STN  
AN 97298828 MEDLINE  
DN PubMed ID: 9154244  
TI Unraveling the molecular pathway of Alzheimer's disease: research about **presenilins** gathers momentum.  
AU Sandbrink R; Beyreuther K  
CS Central Institute for Mental Health, Mannheim, Germany, .  
ruperts@sun0.urz.uni-heidelberg.de  
SO Molecular psychiatry, (1996 Dec) 1 (6) 438-44. Ref: 54  
Journal code: 9607835. ISSN: 1359-4184.

CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970620  
Last Updated on STN: 19980206  
Entered Medline: 19970609

L5 ANSWER 33 OF 79 MEDLINE on STN  
AN 97297761 MEDLINE  
DN PubMed ID: 9153393  
TI **Presenilin** 1 is required for Notch1 and DII1 expression in the  
paraxial mesoderm.  
AU Wong P C; Zheng H; Chen H; Becher M W; Sirinathsinghji D J; Trumbauer M E;  
Chen H Y; Price D L; Van der Ploeg L H; Sisodia S S  
CS Department of Pathology, The Johns Hopkins University School of Medicine,  
Baltimore, Maryland 21205, USA.. pcwong@welchlink.welch.jhu.edu  
SO Nature, (1997 May 15) 387 (6630) 288-92.  
Journal code: 0410462. ISSN: 0028-0836.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970609  
Last Updated on STN: 19970609  
Entered Medline: 19970529

L5 ANSWER 34 OF 79 MEDLINE on STN  
AN 97289724 MEDLINE  
DN PubMed ID: 9144195  
TI Evidence for phosphorylation and oligomeric assembly of **presenilin**  
1.  
AU Seeger M; Nordstedt C; Petanceska S; Kovacs D M; Gouras G K; Hahne S;  
Fraser P; Levesque L; Czernik A J; George-Hyslop P S; Sisodia S S;  
Thinakaran G; Tanzi R E; Greengard P; Gandy S  
CS Laboratory of Alzheimer Research, Department of Neurology and  
Neuroscience, Cornell University Medical College, New York, NY 10021, USA.  
NC AG09464 (NIA)  
AG11508 (NIA)  
AG13780 (NIA)  
+  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1997 May 13) 94 (10) 5090-4.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199706  
ED Entered STN: 19970612  
Last Updated on STN: 19970612  
Entered Medline: 19970605

L5 ANSWER 35 OF 79 MEDLINE on STN  
AN 97285868 MEDLINE  
DN PubMed ID: 9141085  
TI Cloning and characterization of the Drosophila **presenilin**  
homologue.  
AU Boulianne G L; Livne-Bar I; Humphreys J M; Liang Y; Lin C; Rogaev E; St  
George-Hyslop P

CS Hospital for Sick Children, Department of Physiology and Zoology,  
 University of Toronto, Ontario, Canada.  
 SO Neuroreport, (1997 Mar 3) 8 (4) 1025-9.  
 Journal code: 9100935. ISSN: 0959-4965.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U77934  
 EM 199707  
 ED Entered STN: 19970724  
 Last Updated on STN: 19990129  
 Entered Medline: 19970714

L5 ANSWER 36 OF 79 MEDLINE on STN  
 AN 97275964 MEDLINE  
 DN PubMed ID: 9129725  
 TI No association between the intronic **presenilin-1** polymorphism  
 and Alzheimer's disease in clinic and population-based samples.  
 AU Cai X; Stanton J; Fallin D; Hoyne J; Duara R; Gold M; Sevush S; Scibelli  
 P; Crawford F; Mullan M  
 CS Roskamp Laboratories, Department of Psychiatry, University of South  
 Florida, Tampa 33613, USA.  
 NC RO1-AG12412 (NIA)  
 SO American journal of medical genetics, (1997 Apr 18) 74 (2)  
 202-3.  
 Journal code: 7708900. ISSN: 0148-7299.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199706  
 ED Entered STN: 19970630  
 Last Updated on STN: 19980206  
 Entered Medline: 19970618

L5 ANSWER 37 OF 79 MEDLINE on STN  
 AN 97268991 MEDLINE  
 DN PubMed ID: 9110991  
 TI Endoproteolytic cleavage and proteasomal degradation of **presenilin**  
 2 in transfected cells.  
 AU Kim T W; Pettingell W H; Hallmark O G; Moir R D; Wasco W; Tanzi R E  
 CS Genetics and Aging Unit, Department of Neurology, Massachusetts General  
 Hospital, Harvard Medical School, Charlestown, Massachusetts 02129, USA.  
 SO Journal of biological chemistry, (1997 Apr 25) 272 (17)  
 11006-10.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199705  
 ED Entered STN: 19970602  
 Last Updated on STN: 20000303  
 Entered Medline: 19970521

L5 ANSWER 38 OF 79 MEDLINE on STN  
 AN 97265872 MEDLINE  
 DN PubMed ID: 9111731  
 TI Tau phosphorylation in cells transfected with wild-type or an Alzheimer's  
 disease **mutant Presenilin 1**.  
 AU Irving N G; Miller C C  
 CS Department of Neuroscience, Institute of Psychiatry, Denmark Hill, London,  
 UK.

SO Neuroscience letters, (1997 Jan 31) 222 (2) 71-4.  
 Journal code: 7600130. ISSN: 0304-3940.  
 CY Ireland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199705  
 ED Entered STN: 19970523  
 Last Updated on STN: 20021218  
 Entered Medline: 19970512

L5 ANSWER 39 OF 79 MEDLINE on STN  
 AN 97260623 MEDLINE  
 DN PubMed ID: 9106743  
 TI Isolation and characterization of Drosophila **presenilin** homolog.  
 AU Hong C S; Koo E H  
 CS Department of Neurology, Harvard Medical School, Boston MA 02115, USA.  
 NC AG12376 (NIA)  
 NS01812 (NINDS)

SO Neuroreport, (1997 Feb 10) 8 (3) 665-8.  
 Journal code: 9100935. ISSN: 0959-4965.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U78084  
 EM 199707  
 ED Entered STN: 19970721  
 Last Updated on STN: 19980206  
 Entered Medline: 19970703

L5 ANSWER 40 OF 79 MEDLINE on STN  
 AN 97218236 MEDLINE  
 DN PubMed ID: 9065468  
 TI Enhanced production and oligomerization of the 42-residue amyloid  
 beta-protein by Chinese hamster ovary cells stably expressing  
**mutant presenilins**.  
 AU Xia W; Zhang J; Kholodenko D; Citron M; Podlisny M B; Teplow D B; Haass C;  
 Seubert P; Koo E H; Selkoe D J  
 CS Department of Neurology, Harvard Medical School and Center for Neurologic  
 Diseases, Brigham and Women's Hospital, Boston, Massachusetts 02115, USA.  
 NC AG06173 (NIA)  
 AG12376 (NIA)

SO Journal of biological chemistry, (1997 Mar 21) 272 (12) 7977-82.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199704  
 ED Entered STN: 19970506  
 Last Updated on STN: 19970506  
 Entered Medline: 19970418

L5 ANSWER 41 OF 79 MEDLINE on STN  
 AN 97205210 MEDLINE  
 DN PubMed ID: 9052714  
 TI Exploring the etiology of Alzheimer disease using molecular genetics.  
 AU Lendon C L; Ashall F; Goate A M  
 CS Department of Psychiatry, Washington University School of Medicine, St  
 Louis, MO 63110, USA.  
 NC AG00634 (NIA)

SO JAMA : journal of the American Medical Association, (1997 Mar 12)  
 277 (10) 825-31. Ref: 130

Journal code: 7501160. ISSN: 0098-7484.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, ACADEMIC)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199703  
 ED Entered STN: 19970327  
 Last Updated on STN: 19980206  
 Entered Medline: 19970319

L5 ANSWER 42 OF 79 MEDLINE on STN  
 AN 97144360 MEDLINE  
 DN PubMed ID: 8990127  
 TI Developmental regulation of **presenilin** mRNA expression parallels notch expression.  
 AU Berezovska O; Xia M Q; Page K; Wasco W; Tanzi R E; Hyman B T  
 CS Alzheimer Research Unit, Laboratory of Genetics and Aging, Massachusetts General Hospital, Harvard Medical School, Boston 02114, USA.  
 NC 3P50 AG 05134 (NIA)  
 SO Journal of neuropathology and experimental neurology, (1997 Jan) 56 (1) 40-4.  
 Journal code: 2985192R. ISSN: 0022-3069.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199701  
 ED Entered STN: 19970219  
 Last Updated on STN: 19970219  
 Entered Medline: 19970131

L5 ANSWER 43 OF 79 MEDLINE on STN  
 AN 97140261 MEDLINE  
 DN PubMed ID: 8986743  
 TI **Mutant presenilins** of Alzheimer's disease increase production of 42-residue amyloid beta-protein in both transfected cells and transgenic mice.  
 CM Comment in: Nat Med. 1997 Jan;3(1):28-9. PubMed ID: 8986735  
 AU Citron M; Westaway D; Xia W; Carlson G; Diehl T; Levesque G; Johnson-Wood K; Lee M; Seubert P; Davis A; Kholodenko D; Motter R; Sherrington R; Perry B; Yao H; Strome R; Lieberburg I; Rommens J; Kim S; Schenk D; Fraser P; St George Hyslop P; Selkoe D J  
 CS Center for Neurologic Diseases, Brigham and Women's Hospital, Boston, Massachusetts, USA.  
 NC AG 06173 (NIA)  
 AG 106812 (NIA)  
 AG 12749 (NIA)  
 SO Nature medicine, (1997 Jan) 3 (1) 67-72.  
 Journal code: 9502015. ISSN: 1078-8956.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199701  
 ED Entered STN: 19970219  
 Last Updated on STN: 19980206  
 Entered Medline: 19970131

L5 ANSWER 44 OF 79 MEDLINE on STN  
 AN 97092713 MEDLINE  
 DN PubMed ID: 8938133  
 TI Protein topology of **presenilin** 1.

AU Doan A; Thinakaran G; Borchelt D R; Slunt H H; Ratovitsky T; Podlisny M;  
 Selkoe D J; Seeger M; Gandy S E; Price D L; Sisodia S S  
 CS Department of Neuroscience, The Johns Hopkins University School of  
 Medicine, Baltimore, Maryland 21205, USA.  
 NC AG05146 (NIA)  
 AG11508 (NIA)  
 NS 20471 (NINDS)  
 +  
 SO Neuron, (1996 Nov) 17 (5) 1023-30.  
 Journal code: 8809320. ISSN: 0896-6273.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199701  
 ED Entered STN: 19970128  
 Last Updated on STN: 19970128  
 Entered Medline: 19970107

L5 ANSWER 45 OF 79 MEDLINE on STN  
 AN 97092711 MEDLINE  
 DN PubMed ID: 8938131  
 TI Familial Alzheimer's disease-linked **presenilin 1** variants  
 elevate Abeta1-42/1-40 ratio in vitro and in vivo.  
 AU Borchelt D R; Thinakaran G; Eckman C B; Lee M K; Davenport F; Ratovitsky  
 T; Prada C M; Kim G; Seekins S; Yager D; Slunt H H; Wang R; Seeger M;  
 Levey A I; Gandy S E; Copeland N G; Jenkins N A; Price D L; Younkin S G;  
 Sisodia S S  
 CS Department of Pathology, The Johns Hopkins University School of Medicine,  
 Baltimore, Maryland 21205, USA.  
 NC AG05146 (NIA)  
 AG05689 (NIA)  
 NS 20471 (NINDS)  
 +  
 SO Neuron, (1996 Nov) 17 (5) 1005-13.  
 Journal code: 8809320. ISSN: 0896-6273.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199701  
 ED Entered STN: 19970128  
 Last Updated on STN: 19980206  
 Entered Medline: 19970107

L5 ANSWER 46 OF 79 MEDLINE on STN  
 AN 97085570 MEDLINE  
 DN PubMed ID: 8931704  
 TI A novel **mutation** of **presenilin 1** in familial  
 Alzheimer's disease in Israel detected by denaturing gradient gel  
 electrophoresis.  
 AU Reznik-Wolf H; Treves T A; Davidson M; Aharon-Peretz J; St George Hyslop P  
 H; Chapman J; Korczyn A D; Goldman B; Friedman E  
 CS Oncogenetics Unit, Chaim Sheba Medical Center, Tel-Hashomer, Israel..  
 feitan@post.tau.ac.il  
 SO Human genetics, (1996 Dec) 98 (6) 700-2.  
 Journal code: 7613873. ISSN: 0340-6717.  
 CY GERMANY: Germany, Federal Republic of  
 DT (CASE REPORTS)  
 Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199701  
 ED Entered STN: 19970128



Last Updated on STN: 19980206  
Entered Medline: 19970106

L5 ANSWER 47 OF 79 MEDLINE on STN  
AN 97081125 MEDLINE  
DN PubMed ID: 8922407  
TI Expression of **presenilin** 1 and 2 (**PS1** and **PS2**) in  
human and murine tissues.  
AU Lee M K; Slunt H H; Martin L J; Thinakaran G; Kim G; Gandy S E; Seeger M;  
Koo E; Price D L; Sisodia S S  
CS Department of Pathology, The Johns Hopkins University School of Medicine,  
Baltimore, Maryland 21205, USA.  
NC AG05146 (NIA)  
NS20471 (NINDS)  
SO Journal of neuroscience : official journal of the Society for  
Neuroscience, (1996 Dec 1) 16 (23) 7513-25.  
Journal code: 8102140. ISSN: 0270-6474.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199701  
ED Entered STN: 19970128  
Last Updated on STN: 19970128  
Entered Medline: 19970106

L5 ANSWER 48 OF 79 MEDLINE on STN  
AN 97032729 MEDLINE  
DN PubMed ID: 8878479  
TI Increased amyloid-beta42(43) in brains of mice expressing **mutant**  
**presenilin** 1.  
AU Duff K; Eckman C; Zehr C; Yu X; Prada C M; Perez-tur J; Hutton M; Buee L;  
Harigaya Y; Yager D; Morgan D; Gordon M N; Holcomb L; Refolo L; Zenk B;  
Hardy J; YOUNKIN S  
CS Suncoast Alzheimer's Disease Laboratories, University of South Florida,  
Tampa, 33612, USA.  
SO Nature, (1996 Oct 24) 383 (6602) 710-3.  
Journal code: 0410462. ISSN: 0028-0836.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19970128  
Entered Medline: 19961210

L5 ANSWER 49 OF 79 MEDLINE on STN  
AN 96434693 MEDLINE  
DN PubMed ID: 8837617  
TI The E280A **presenilin** 1 Alzheimer **mutation** produces  
increased A beta 42 deposition and severe cerebellar pathology.  
AU Lemere C A; Lopera F; Kosik K S; Lendon C L; Ossa J; Saido T C; Yamaguchi  
H; Ruiz A; Martinez A; Madrigal L; Hincapie L; Arango J C; Anthony D C;  
Koo E H; Goate A M; Selkoe D J; Arango J C  
CS Center for Neurologic Diseases, Harvard Medical School, Brigham and  
Women's Hospital, Boston, Massachusetts 02115, USA.  
NC AG 00634 (NIA)  
AG 06173 (NIA)  
SO Nature medicine, (1996 Oct) 2 (10) 1146-50.  
Journal code: 9502015. ISSN: 1078-8956.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
 EM 199611  
 ED Entered STN: 19961219  
 Last Updated on STN: 19980206  
 Entered Medline: 19961104

L5 ANSWER 50 OF 79 MEDLINE on STN  
 AN 96397521 MEDLINE  
 DN PubMed ID: 8804415  
 TI Alzheimer's **presenilin** 1 gene expression in platelets and megakaryocytes. Identification of a novel splice variant.  
 AU Vidal R; Ghiso J; Wisniewski T; Frangione B  
 CS Department of Pathology, New York University Medical Center, NY 10016, USA.. Ruben.Vidal@MCFPO.med.nyu.edu  
 NC AG05891 (NIA)  
 AG10953 (NIA)  
 AR 02594 (NIAMS)  
 SO FEBS letters, (1996 Sep 9) 393 (1) 19-23.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199611  
 ED Entered STN: 19961219  
 Last Updated on STN: 19980206  
 Entered Medline: 19961107

L5 ANSWER 51 OF 79 MEDLINE on STN  
 AN 96392394 MEDLINE  
 DN PubMed ID: 8799182  
 TI Expression and analysis of **presenilin** 1 in a human neuronal system: localization in cell bodies and dendrites.  
 AU Cook D G; Sung J C; Golde T E; Felsenstein K M; Wojczyk B S; Tanzi R E; Trojanowski J Q; Lee V M; Doms R W  
 CS Department of Pathology and Laboratory Medicine, University of Pennsylvania, Philadelphia 19104, USA.  
 NC P01 AG 11542 (NIA)  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Aug 20) 93 (17) 9223-8.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199610  
 ED Entered STN: 19961219  
 Last Updated on STN: 19980206  
 Entered Medline: 19961031

L5 ANSWER 52 OF 79 MEDLINE on STN  
 AN 96335614 MEDLINE  
 DN PubMed ID: 8766720  
 TI Characterization of human **presenilin** 1 using N-terminal specific monoclonal antibodies: Evidence that Alzheimer **mutations** affect proteolytic processing.  
 AU Mercken M; Takahashi H; Honda T; Sato K; Murayama M; Nakazato Y; Noguchi K; Imahori K; Takashima A  
 CS Mitsubishi Kasei Institute of Life Sciences, Tokyo, Japan.  
 SO FEBS letters, (1996 Jul 8) 389 (3) 297-303.  
 Journal code: 0155157. ISSN: 0014-5793.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English

FS Priority Journals  
EM 199609  
ED Entered STN: 19961008  
Last Updated on STN: 19980206  
Entered Medline: 19960923

L5 ANSWER 53 OF 79 MEDLINE on STN  
AN 96313099 MEDLINE  
DN PubMed ID: 8705854  
TI Secreted amyloid beta-protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the **presenilin 1** and 2 and APP **mutations** linked to familial Alzheimer's disease.  
CM Comment in: Nat Med. 1996 Aug;2(8):850-2. PubMed ID: 8705846  
AU Scheuner D; Eckman C; Jensen M; Song X; Citron M; Suzuki N; Bird T D; Hardy J; Hutton M; Kukull W; Larson E; Levy-Lahad E; Viitanen M; Peskind E; Poorkaj P; Schellenberg G; Tanzi R; Wasco W; Lannfelt L; Selkoe D; Younkin S  
CS Department of Neuroscience, Case Western Reserve University, Cleveland, Ohio 44106, USA.  
SO Nature medicine, (1996 Aug) 2 (8) 864-70.  
Journal code: 9502015. ISSN: 1078-8956.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199609  
ED Entered STN: 19960919  
Last Updated on STN: 19980206  
Entered Medline: 19960909

L5 ANSWER 54 OF 79 MEDLINE on STN  
AN 96310888 MEDLINE  
DN PubMed ID: 8755489  
TI Endoproteolysis of **presenilin 1** and accumulation of processed derivatives in vivo.  
AU Thinakaran G; Borchelt D R; Lee M K; Slunt H H; Spitzer L; Kim G; Ratovitsky T; Davenport F; Nordstedt C; Seeger M; Hardy J; Levey A I; Gandy S E; Jenkins N A; Copeland N G; Price D L; Sisodia S S  
CS Department of Pathology, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205, USA.  
NC AG05689 (NIA)  
AG11508 (NIA)  
NS20471 (NINDS)  
+  
SO Neuron, (1996 Jul) 17 (1) 181-90.  
Journal code: 8809320. ISSN: 0896-6273.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 19970128  
Entered Medline: 19961223

L5 ANSWER 55 OF 79 MEDLINE on STN  
AN 96160372 MEDLINE  
DN PubMed ID: 8574969  
TI Alzheimer-associated **presenilins 1** and 2: neuronal expression in brain and localization to intracellular membranes in mammalian cells.  
AU Kovacs D M; Fausett H J; Page K J; Kim T W; Moir R D; Merriam D E; Hollister R D; Hallmark O G; Mancini R; Felsenstein K M; Hyman B T; Tanzi R E; Wasco W  
CS Genetics and Aging Unit, Massachusetts General Hospital-East, Harvard

Medical School, Charlestown 02129, USA.  
 SO Nature medicine, (1996 Feb) 2 (2) 224-9.  
 Journal code: 9502015. ISSN: 1078-8956.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199603  
 ED Entered STN: 19960321  
 Last Updated on STN: 19980206  
 Entered Medline: 19960313

L5 ANSWER 56 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:50958 BIOSIS  
 DN PREV199800050958  
 TI Estrogens stabilize mitochondrial function and protect neural cells  
 against the pro-apoptotic action of **mutant presenilin**  
 -1.  
 AU Mattson, Mark P. [Reprint author]; Robinson, Nic; Guo, Qing  
 CS Sanders-Brown Research Center Aging, Dep. Anatomy and Neurobiol., 211  
 Sanders-Brown Build., Univ. Kentucky, Lexington, KY 40536, USA  
 SO Neuroreport, (Dec. 1, 1997) Vol. 8, No. 17, pp. 3817-3821. print.  
 CODEN: NERPEZ. ISSN: 0959-4965.  
 DT Article  
 LA English  
 ED Entered STN: 27 Jan 1998  
 Last Updated on STN: 27 Jan 1998

L5 ANSWER 57 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:527282 BIOSIS  
 DN PREV199799826485  
 TI **Mutant PS1** stimulates the JNK signal transduction  
 cascade.  
 AU Palacino, J. J.; Alexander, P.; St.george-Hyslop, P.; Takashima, A.;  
 Schultz, R.; Wolozin, B.  
 CS Dep. Pharmacol., Loyola Univ. Chicago Med. Cent., Maywood, IL 60153, USA  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 1117.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience. New  
 Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 12 Dec 1997  
 Last Updated on STN: 12 Dec 1997

L5 ANSWER 58 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:527281 BIOSIS  
 DN PREV199799826484  
 TI Effects of Alzheimer-associated **presenilin 1 mutations**  
 on protein folding and on APP processing in stably transfected cells.  
 AU Kovacs, D. M.; Henderson, J.; Schmidt, D. S.; Mancini, R.; Tanzi, R. E.  
 CS Genet. Aging Unit, Dep. Neurol., Mass. Gen. Hosp., Charlestown, MA 02129,  
 USA  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 1117.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience. New  
 Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 12 Dec 1997  
 Last Updated on STN: 27 Jan 1998

L5 ANSWER 59 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:471348 BIOSIS  
 DN PREV199799770551  
 TI Identification of proteins that interact with **PS1** and **PS2**.  
 AU Tesco, G.; Guenette, S.; Chen, J.; Tanzi, R. E.  
 CS Genet. Aging Unit, Dep. Neurol., Mass. Gen. Hosp., Charlestown, MA 02129, USA  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 824.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
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 LA English  
 ED Entered STN: 4 Nov 1997  
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 60 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:471341 BIOSIS  
 DN PREV199799770544  
 TI Characterization of **presenilin** overexpressing cerebellar neuronal cells.  
 AU Weggen, S.; Diehlmann, A.; Ida, N.; Czech, C.; Weidemann, A.; Masters, C.; Wiestler, O. D.; Beyreuther, K.; Bayer, T. A.  
 CS Dep. Neuropathol., Univ. Bonn Med. Cent., Sigmund-Freud-Str. 25, 53105 Bonn, Germany  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 822.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
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 LA English  
 ED Entered STN: 4 Nov 1997  
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 61 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:468245 BIOSIS  
 DN PREV199799767448  
 TI Processing and targeting of APP in hippocampal neurons expressing **presenilins** that contain **mutations** involved in Alzheimer's Disease.  
 AU De Strooper, Bart [Reprint author]; Levesque, Lyne; Annaert, Wim [Reprint author]; Westaway, David; Baekelandt, Veerle [Reprint author]; St George-Hyslop, Peter; Van Leuven, Fred [Reprint author]; Fraser, Paul  
 CS Exp. Genetics Group, CME, K.U. Leuven, Univ. Toronto, Toronto, ON, Canada  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 291.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 4 Nov 1997  
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 62 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:468096 BIOSIS  
 DN PREV199799767299  
 TI Expression of Alzheimer's disease related genes in three human astrocytic cell lines.  
 AU Shepherd, C. E.; Calvert, E. L.; Cambray-Deakin, M. A.; Pearson, R. C. A.

CS Dep. Biomedical Sci., Univ. Sheffield, S10 2TN, UK  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 266.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part  
 1. New Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.

DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)

LA English

ED Entered STN: 4 Nov 1997  
 Last Updated on STN: 4 Nov 1997

L5 ANSWER 63 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:457975 BIOSIS  
 DN PREV199799757178  
 TI Genes implicated in the pathogenesis of Alzheimer's disease.  
 AU Das, Hriday K. [Reprint author]; Lal, Harbans  
 CS Dep. Pharmacology, Univ. North Tex. Health Sci. Cent., Fort Worth, TX  
 76107, USA

SO Frontiers in Bioscience (online), (1997) Vol. 2, No. CITED SEPT. 9, 1997,  
 pp. D253-259.

DT Article  
 General Review; (Literature Review)

LA English

ED Entered STN: 27 Oct 1997  
 Last Updated on STN: 27 Oct 1997

L5 ANSWER 64 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:348287 BIOSIS  
 DN PREV199799647490  
 TI Differential regulation of adenylyl cyclase in fibroblasts from sporadic  
 and familial Alzheimer's disease cases with **PS1** and **APP**  
**mutations**.

AU Vestling, Monika [Reprint author]; Adem, Abdu; Racchi, Marco; Gibson, Gary  
 E.; Lannfelt, Lars; Cowburn, Richard F.

CS Division Geriatric Med., Karolinska Inst., Novum, Plan 4, KFC, S-141 86  
 Huddinge, Sweden

SO Neuroreport, (1997) Vol. 8, No. 8, pp. 2031-2035.  
 CODEN: NERPEZ. ISSN: 0959-4965.

DT Article

LA English

ED Entered STN: 11 Aug 1997  
 Last Updated on STN: 11 Aug 1997

L5 ANSWER 65 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:348249 BIOSIS  
 DN PREV199799647452  
 TI **Presenilins** and early-onset familial Alzheimer's disease.

AU Rohan De Silva, H. A. [Reprint author]; Patel, Ambrish J.

CS MRC Neurodegenerative Disorders Group, Dep. Biochem., Charing Cross  
 Westminster Med. Sch., Fulham Palace Rd., London W6 8RF, UK

SO Neuroreport, (1997) Vol. 8, No. 8, pp. I-XII.  
 CODEN: NERPEZ. ISSN: 0959-4965.

DT Article  
 General Review; (Literature Review)

LA English

ED Entered STN: 11 Aug 1997  
 Last Updated on STN: 11 Aug 1997

L5 ANSWER 66 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:551333 BIOSIS  
 DN PREV199699273689  
 TI A **PS1 mutation** leads to AD pathology and increased  
 A-beta-42 burden in brain by middle age in 4 FAD patients.

AU Lemere, C. A.; Lopera, F.; Kosik, K. S.; Ossa, J.; Saido, T. C.; Yamaguchi, H.; Selkoe, D. J.; Arango-V, J. C.  
 CS Brigham and Women's Hosp., Harvard Med. Sch., Boston, MA 02115, USA  
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1175.  
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
 Washington, D.C., USA. November 16-21, 1996.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 13 Dec 1996  
 Last Updated on STN: 23 Jan 1997

L5 ANSWER 67 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:547069 BIOSIS  
 DN PREV199699269425  
 TI Missense mutations of the Presenilin 1 (PS1 /S182) gene in German early-onset Alzheimer's disease patients.  
 AU Sandbrink, G. [Reprint author]; Zhang, D. [Reprint author]; Lichtenthaler, S. [Reprint author]; Schaeffer, S.; Bauer, J.; Zerfass, R.; Foerstl, H.; Henn, F.; Masters, C. L.; Beyreuther, K.  
 CS Cent. Mol. Biol. Heidelberg, Univ. Heidelberg, INF 282, D-69120 Heidelberg, Germany  
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1662.  
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
 Washington, D.C., USA. November 16-21, 1996.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 13 Dec 1996  
 Last Updated on STN: 13 Dec 1996

L5 ANSWER 68 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:494470 BIOSIS  
 DN PREV199699216826  
 TI Protein characterization of the early onset familial Alzheimer's disease gene products, **presenilin 1** and **presenilin 2**.  
 AU Selkoe, D. J.; Xia, W.; Zhang, J.; Podlisny, M. B.; Amarante, P.; Haass, C.; St George-Hyslop, P. H.; Teplow, D. B.; Koo, E. H.; Citron, M.  
 CS Brigham and Women's Hosp., Boston, MA, USA  
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 278.  
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
 Washington, D.C., USA. November 16-21, 1996.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Slide)  
 LA English  
 ED Entered STN: 4 Nov 1996  
 Last Updated on STN: 4 Nov 1996

L5 ANSWER 69 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:494466 BIOSIS  
 DN PREV199699216822  
 TI A-beta-42(43) is increased in vivo by the **PS1/2** and **APP mutations** linked to familial Alzheimer's disease.  
 AU Scheuner, D. [Reprint author]; Eckman, C. [Reprint author]; Jensen, M.; Song, X.; Citron, M.; Suzuki, N.; Bird, T. D.; Hardy, J.; Hutton, M.; Kukull, W.; Larson, E.; Levy-Lahad, E.; Viitanen, M.; Peskind, E.; Poorkaj, P.; Schellenberg, G.; Tanzi, R.; Wasco, W.; Lannfelt, L.; Selkoe, D.; Younkin, S. [Reprint author]

CS Dep. Neurosci., Case Western Reserve Univ., Cleveland, OH, USA  
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 278.  
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
 Washington, D.C., USA. November 16-21, 1996.  
 ISSN: 0190-5295.

DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Slide)

LA English

ED Entered STN: 4 Nov 1996  
 Last Updated on STN: 10 Dec 1996

L5 ANSWER 70 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:494465 BIOSIS  
 DN PREV199699216821  
 TI Effects of **presenilin mutations** on the deposition and  
 production of amyloid beta protein.

AU Iwatsubo, T. [Reprint author]; Mann, D. M. A.; Tomita, T. [Reprint  
 author]; Kosaka, T. [Reprint author]; Tokuhira, S. [Reprint author];  
 Hosoda, R. [Reprint author]; Obata, K.; Saido, T. C.; Maruyama, K.

CS Dep. Neuropathol. Neurosci., Univ. Tokyo, Tokyo, Japan  
 SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 278.  
 Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
 Washington, D.C., USA. November 16-21, 1996.  
 ISSN: 0190-5295.

DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Slide)

LA English

ED Entered STN: 4 Nov 1996  
 Last Updated on STN: 10 Dec 1996

L5 ANSWER 71 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:453013 BIOSIS  
 DN PREV199699175369  
 TI Characterization of **presenilin 1 (PS1)** with  
**mutations** linked to familial Alzheimer's disease: Metabolism,  
 topology and influence on A-beta generation.

AU Thinakaran, G. [Reprint author]; Doan, A.; Lee, M. K.; Slunt, H. H.;  
 Savage, M.; Greenberg, B.; Wang, R.; Price, D. L.; Sisodia, S. S.

CS Neuropathology Lab., Johns Hopkins Univ. Sch. Med., Baltimore, MD 21205,  
 USA

SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S110.  
 Meeting Info.: Fifth International Conference on Alzheimer's Disease and  
 Related Disorders. Osaka, Japan. July 24-29, 1996.  
 CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)

LA English

ED Entered STN: 7 Oct 1996  
 Last Updated on STN: 7 Oct 1996

L5 ANSWER 72 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:452639 BIOSIS  
 DN PREV199699174995  
 TI Immunocytochemical characterization of plaques, tangles and vascular  
 amyloid in the brains of 2 FAD patients with an identified **PS1**  
**mutation**.

AU Lemere, C. A. [Reprint author]; Lopera, F.; Kosik, K. S. [Reprint author];  
 Ossa, J.; Saido, T. C.; Ruiz, A.; Martinez, A.; Madrigol, L.; Hincapie,  
 L.; Arango L., J. C.; Selkoe, D. J.; Arango V, J. C.

CS Brigham and Women's Hosp., Harv. Med. Sch., Boston, MA, USA  
 SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S17.



Meeting Info.: Fifth International Conference on Alzheimer's Disease and Related Disorders. Osaka, Japan. July 24-29, 1996.  
CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)

LA English

ED Entered STN: 7 Oct 1996

Last Updated on STN: 5 Nov 1996

L5 ANSWER 73 OF 79 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:452616 BIOSIS  
DN PREV199699174972

TI Missense mutations of the Presenilin 1 (PS1 or S182) gene in German early-onset Alzheimer's disease patients.

AU Sandbrink, R. [Reprint author]; Zhang, D. [Reprint author]; Hartmann, T. [Reprint author]; Bergsdorf, C. [Reprint author]; Paliga, K. [Reprint author]; Schaeffer, S.; Bauer, J.; Foerstl, H.; Bickel, H.; Masters, C. L.; Beyreuther, K. [Reprint author]

CS ZMBH, Univ. Heidelberg, INF 282, D-69120 Heidelberg, Germany

SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S12.

Meeting Info.: Fifth International Conference on Alzheimer's Disease and Related Disorders. Osaka, Japan. July 24-29, 1996.  
CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)

LA English

ED Entered STN: 7 Oct 1996

Last Updated on STN: 7 Oct 1996

L5 ANSWER 74 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 1997046678 PCTFULL ED 20020514

TIEN NUCLEIC ACIDS AND POLYPEPTIDES RELATED TO PRESENILIN

TIFR ACIDES NUCLEIQUES ET POLYPEPTIDES APPARENTES A LA PRESENILINE

IN DAVIS, John, N.;  
CHISHOLM, Jane, C.;  
DRACHE, Bettina

PA BAYER CORPORATION

LA English

DT Patent

PI WO 9746678

A1 19971211

DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM  
TR TT UA UG UZ VN AT BE CH DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

AI WO 1997-US9272 A 19970603

PRAI US 1996-8/659,296 19960606

US 1996-8/683,315 19960718

ICM C12N015-12

ICS C07K014:47; C07K016:18; G01N033:68; A01K067:027; A61K035:12;  
C12Q001:68

L5 ANSWER 75 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 1997046664 PCTFULL ED 20020514

TIEN PERLECAN TRANSGENIC ANIMALS AND METHODS OF IDENTIFYING COMPOUNDS FOR THE TREATMENT OF AMYLOIDOSES

TIFR ANIMAUX TRANSGENIQUES DE PERLECANE ET PROCEDES D'IDENTIFICATION DE COMPOSES POUR LE TRAITEMENT DES AMYLOIDOSES

IN SNOW, Alan;  
FUKUCHI, Ken-Ichiro;  
HASSELL, John

PA UNIVERSITY OF WASHINGTON

LA English  
 DT Patent  
 PI WO 9746664 A1 19971211  
 DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
 GE GH HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG  
 MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT  
 UA UG UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU  
 TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
 BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US9875 A 19970606  
 PRAI US 1996-60/017,830 19960606  
 ICM C12N005-00  
 ICS C12N015:00; A61K049:00

L5 ANSWER 76 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 1997018476 PCTFULL ED 20020514  
 TIEN A METHOD FOR DIAGNOSING ALZHEIMER'S DISEASE  
 TIFR METHODE POUR DIAGNOSTIQUER LA MALADIE D'ALZHEIMER  
 IN MARTINS, Ralph, Nigel, Walter  
 PA THE UNIVERSITY OF WESTERN AUSTRALIA;  
 RAMSAY HEALTH CARE PTY. LTD.;  
 MARTINS, Ralph, Nigel, Walter

LA English  
 DT Patent  
 PI WO 9718476 A1 19970522  
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
 FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM  
 TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD  
 RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
 SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1996-AU711 A 19961108  
 PRAI AU 1995-PN 6493 19951110  
 ICM G01N033-68  
 ICS G01N033:539

L5 ANSWER 77 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 1997011956 PCTFULL ED 20020514  
 TIEN IDENTIFICATION OF sel-12 AND USES THEREOF  
 TIFR IDENTIFICATION DE SEL-12 ET SES UTILISATIONS  
 IN GREENWALD, Iva;  
 LEVITAN, Diane  
 PA THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK;  
 GREENWALD, Iva;  
 LEVITAN, Diane

LA English  
 DT Patent  
 PI WO 9711956 A1 19970403  
 DS W: AU CA JP MX US AT BE CH DE DK ES FI FR GB GR IE IT LU MC  
 NL PT SE

AI WO 1996-US15727 A 19960927  
 PRAI US 1995-60/004,387 19950927  
 ICM C07H021-04  
 ICS C07H021:02; C12N015:12; C12N015:70; C12N001:21

L5 ANSWER 78 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 1997008319 PCTFULL ED 20020514  
 TIEN GENETIC ALTERATIONS RELATED TO FAMILIAL ALZHEIMER'S DISEASE  
 TIFR ALTERATIONS GENETIQUES LIEES A LA MALADIE D'ALZHEIMER FAMILIALE  
 IN TANZI, Rudolph, E.;  
 WASCO, Wilma  
 PA THE GENERAL HOSPITAL CORPORATION  
 LA English  
 DT Patent

PI WO 9708319 A1 19970306  
 DS W: CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
 SE  
 AI WO 1996-US14114 A 19960903  
 PRAI US 1995-60/003,054 19950831  
 US 1996-8/706,344 19960830  
 ICM C12N015-12  
 ICS C07K014:47; C12Q001:68; C12N005:10; G01N033:53  
  
 L5 ANSWER 79 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN  
 AN 1996034099 PCTFULL ED 20020514  
 TIEN GENETIC SEQUENCES AND PROTEINS RELATED TO ALZHEIMER'S DISEASE, AND USES  
 THEREFOR  
 TIFR SEQUENCES GENETIQUES ET PROTEINES ASSOCIEES A LA MALADIE D'ALZHEIMER ET  
 LEUR UTILISATION  
 IN ST. GEORGE-HYSLOP, Peter, H.;  
 FRASER, Paul, E.;  
 ROMMENS, Johanna, M.  
 PA HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP;  
 THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO;  
 ST. GEORGE-HYSLOP, Peter, H.;  
 FRASER, Paul, E.;  
 ROMMENS, Johanna, M.  
 LA English  
 DT Patent  
 PI WO 9634099 A2 19961031  
 DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
 GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN  
 MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG  
 US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT  
 BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
 CG CI CM GA GN ML MR NE SN TD TG  
  
 AI WO 1996-CA263 A 19960429  
 PRAI US 1995-8/431,048 19950428  
 US 1995-8/496,841 19950628  
 US 1995-8/509,359 19950731  
 ICM C12N015-12  
 ICS C07K014:47; C12Q001:68; A01K067:027; C12N005:10; A61K038:17

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